

Title (en)

PROCESS CARTRIDGE AND IMAGE FORMING APPARATUS

Title (de)

PROZESSKARTUSCHE UND BILDERZEUGUNGSVORRICHTUNG

Title (fr)

CARTOUCHE DE TRAITEMENT ET APPAREIL DE FORMATION D'IMAGES

Publication

**EP 3462248 B1 20220413 (EN)**

Application

**EP 18201534 A 20071101**

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- JP 2007259661 A 20071003
- EP 17164940 A 20071101
- EP 07831406 A 20071101
- JP 2007071675 W 20071101

Abstract (en)

[origin: US2008138114A1] A process cartridge is detachably mountable to a main assembly of an electrophotographic image forming apparatus. The main assembly includes first and second transmission members. The cartridge includes an electrophotographic photosensitive drum, a developing roller, a drum coupling member, provided on one axial end of the drum, for engaging the first transmission member and transmitting a first rotational driving force to the drum, when the cartridge is mounted to the main assembly, and a shaft coupler, provided on one axial end of the developing roller, for transmitting a second rotational driving force with a deviation permitted between an axis of the second transmission member and an axis of the developing roller. The shaft coupler includes an engaging portion for engaging the second transmission member and receiving the second rotational driving force, when the cartridge is mounted to the main assembly.

IPC 8 full level

**G03G 21/18** (2006.01); **F16D 3/04** (2006.01); **G03G 15/00** (2006.01)

CPC (source: BR EP KR US)

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CA 2934145 C 20190528; CA 2934157 A1 20080619; CA 2934157 C 20190528; CN 101627343 A 20100113; CN 101627343 B 20120725;  
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HU E043186 T2 20190828; JP 2008170945 A 20080724; JP 4444997 B2 20100331; KR 101161054 B1 20120628; KR 101184485 B1 20120919;  
KR 101247060 B1 20130325; KR 101284973 B1 20130710; KR 20090080130 A 20090723; KR 20110074599 A 20110630;  
KR 20110076999 A 20110706; KR 20110077000 A 20110706; KR 20120008092 A 20120125; MX 2009004080 A 20090501;  
MY 157024 A 20160415; PL 2054777 T3 20171229; PL 3220205 T3 20191031; PT 2054777 T 20170721; PT 3220205 T 20190531;  
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TW I384336 B 20130201; US 2010329732 A1 20101230; US 2011097108 A1 20110428; US 8116661 B2 20120214; US 8306460 B2 20121106;  
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JP 2007259661 A 20071003; KR 20097012315 A 20071101; KR 20117011311 A 20071101; KR 20117011313 A 20071101;  
KR 20117011314 A 20071101; KR 20127000389 A 20071101; MX 2009004080 A 20071101; MY PI20092353 A 20071101;  
PL 07831406 T 20071101; PL 17164940 T 20071101; PT 07831406 T 20071101; PT 17164940 T 20071101; RU 2009126579 A 20071101;  
RU 2011140944 A 2011007; SG 10201506656X A 20071101; SG 10202111355S A 20071101; SG 2011086915 A 20071101;  
TW 96142483 A 20071109; US 86801710 A 20100825; US 98487411 A 20110105